

**Radio  
Shack****COMPUTER  
CENTER****NEW!****Introducing the TRS-80® Model 100 Portable Computer****The "Micro Executive Workstation"**

- Easy-to-Read 8-Line by 40-Character Liquid Crystal Display
- Powerful Built-In Executive Management Software
- Self-Contained Direct-Connect Modem with Auto-Dialer
- Comfortable Full-Size Keyboard ■ Weighs Less Than 4 lbs.

**799<sup>00</sup>**  
8K RAM**Only \$54  
a Month  
on CitiLine  
Credit**

**TRS-80 Model 100.** So small it'll fit in your in-basket! And when you leave the office, take the Model 100 with you, because it works on batteries. Built-in "instant-on" software lets you use Model 100 as a personal word processor, telephone auto-dialer, address book, appointment calendar and terminal for information services such as Dow Jones News/Retrieval® and CompuServe® through the built-in modem. The extended Microsoft BASIC language makes it perfect for programmers—and they'll appreciate the eight programmable function keys, four command keys and four cursor keys, too. Interfaces include a parallel printer port, an RS-232C port programmable to 19,200 baud and a cassette port that operates at 1500 baud and can be used to interchange tapes with our new TRS-80 Model 4 (see page 9). Internal nickel-cadmium batteries retain memory data for up to 30 days. Requires 4 "AA" batteries. With 8K RAM. 26-3801 . . . . . 799.00

**24K RAM Model 100.** As above, but with triple the internal memory. 26-3802 . . . . . 999.00

**8K RAM Memory Upgrade.** Increases available memory. Up to three (for 32K total) may be installed. Installation required (not included). 26-3816 . . . . . 119.00

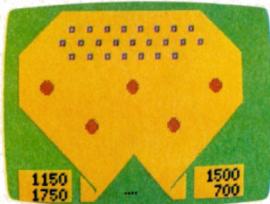
**Direct-Connect Modem Cable.** Connects to modular phone jack. 26-1410 . . . 19.95

**Printer Cable.** Connects to parallel printer. 26-1409 . . . . . 14.95

Sale Prices End 6/26/83—Except As Noted  
**New Inside:**  
TRS-80 Model 4 Desktop Computer—Pages 8-9  
TRS-80 PC-4 Pocket Computer—Page 14

# Sale! Exciting Color Computer Programs

## Pinball—23% Off



**Save**  
\$7.07

Reg.  
29.95

**22<sup>88</sup>**

Talk about realistic—you can even bump and tilt! Design your own playfield for faster games. Joysticks required. 26-3052 . . . . . Sale 22.88

## Roman Checkers—16% Off

**Save**  
\$5.07

Reg.  
29.95

**24<sup>88</sup>**

The classic game of strategic placement. Save games on tape with optional cassette recorder. Joysticks optional. 26-3071 . . . . . Sale 24.88

## Art Gallery—25% Off



**Save**  
\$10.07

Reg.  
39.95

**29<sup>88</sup>**

Draw pictures using superb color graphics! Save results on tape with optional cassette recorder. Joysticks optional. 26-3061 . . . . . Sale 29.88

## Tennis—33% Off



**Save**  
\$5.07

Reg.  
24.95

**19<sup>88</sup>**

Use your "disinfecter" to shoot antibiotics at nasty germs. 15 levels of difficulty. Joysticks optional. 26-3085 . . . . . Sale 19.88

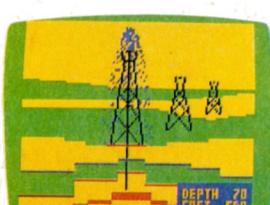
**Save**  
\$10.07

Reg.  
29.95

**19<sup>88</sup>**

Play realistic matches using tennis strategy. Two skill levels, applause and other sound effects. Joysticks required. 26-3080 . . . . . Sale 19.88

## Microbes—20% Off



**Save**  
\$5.07

Reg.  
24.95

**19<sup>88</sup>**

Use your "disinfecter" to shoot antibiotics at nasty germs. 15 levels of difficulty. Joysticks optional. 26-3085 . . . . . Sale 19.88

**Save**  
\$5.07

Reg.  
29.95

**24<sup>88</sup>**

Hit moving targets for points in a whimsical carnival atmosphere. There're lots of surprises! Joysticks required. 26-3088 . . . . . Sale 24.88

## Wildcatting—33% Off

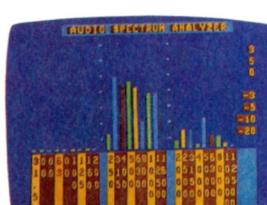


**Save**  
\$10.07

Reg.  
29.95

**19<sup>88</sup>**

Play for highest profits in this strategy game in the oil fields. For one to four players. Joysticks optional. 26-3067 . . . . . Sale 19.88



## Shooting Gallery—16% Off

**Save**  
\$5.07

Reg.  
29.95

**24<sup>88</sup>**

## Audio Spectrum Analyzer

**Cut**  
\$5

New Low  
Price!

**14<sup>95</sup>**

Test your stereo's performance! Bar graph shows power distribution. Requires cable (26-1207). Was \$19.95 in Cat. RSC-8. 26-3156 . . . . . 14.95

## The Color Computer is an Outstanding "Home Tutor"

### "Fun with Reading" Series Encourages Learning

**19<sup>95</sup>**  
Each

Give Youngsters  
An Entertaining Way  
To Learn at Home

Your Child Learns Three Ways—Through  
Reading, Listening and Drill Exercises



Each package includes an illustrated reader, a read-along audio cassette tape, and a computer tape with spelling and vocabulary exercises based on words and sentences from the story. Exercises are repeatable—each session randomly selects a new sequence of problems. The program gives immediate feedback after each problem, and a progress report after every 10 problems. Designed for grades 4-6. Cassette recorder required.

**Dracula.** 26-2550 . . . . . 19.95

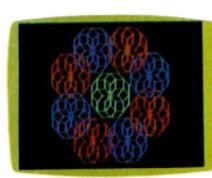
**The Hound of the Baskervilles.** 26-2551 . . . . . 19.95

**Moby Dick.** 26-2552 . . . . . 19.95

**20,000 Leagues Under the Sea.** 26-2553 . . . . . 19.95

### Color LOGO Programming Language

**49<sup>95</sup>**



■ Learn Basic Programming  
And Graphic Concepts  
■ Recommended by Educators

Our remarkable Color LOGO programming language is designed to help children grasp graphic relationships and fundamental programming concepts. Youngsters find it easy to learn and fun to use. Through manipulation of "turtle" graphics, your child will learn to write simple programs. As a result, the computer becomes a friendly learning tool, and the child gains valuable insight into advanced concepts. Children who haven't yet begun to read can use a "doodle" mode to create their own graphics. And a "hatch" command creates multiple turtles, capable of running separate programs simultaneously. Color LOGO (in a handy Program Pak™ version) includes an instruction manual with lessons and programs. 26-2722 . . . . . 49.95

### Now Available! Vocabulary Tutor Programs

Teach kids new words with your TRS-80 Color Computer. Vocabulary Tutor uses the Color Tutor system, combining pictures and text on the screen with spoken information. Children match words with definitions and use words in sentences, getting

reinforcement for correct responses and hints for wrong ones. Score is reported at the end of each session. Designed for grades 3-5. Cassette recorder required.

**Vocabulary Tutor 1.** 26-2568 . . . . . 8.95

**Vocabulary Tutor 2.** 26-2569 . . . . . 8.95

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# Spectacular TRS-80® Color Computer Sale!

Save 33% on the Popular TRS-80 16K Standard Color Computer

**\$100 Off** Reg. 299.95 **199<sup>95</sup>** Less TV

- 16,000-Character Internal Memory ■ Easily Expandable
- Vivid Colors and Exciting Sound ■ Connects to Any TV

**16K Standard Color BASIC.** Our lowest price ever! The perfect computer for fun and games, as well as many household, business and educational tasks! The whole family will find it easy to use. Just pop in an instant-loading Program Pak™ to blast invaders from other galaxies, ski down treacherous slopes, polish up your chess game, or balance the family budget. Your kids can learn math or typing, enjoy literary classics, or paint an "electronic" coloring book. Teach yourself programming with our entertaining 308-page manual (included). Color BASIC's simple commands let you quickly produce drawings, diagrams and charts. Expand anytime with more memory, disk drives, a printer or a modem for telephone communications. U.L. listed. 26-3004 . . . Sale 199.95



## Save Up to 27% on Powerful Extended BASIC Color Computers

16K Extended BASIC

**\$100 Off**

Reg. 399.95

**299<sup>95</sup>** Less TV

32K Extended BASIC

**\$150 Off**

Reg. 549.95

**399<sup>95</sup>** Less TV

- Easy-to-Use One-Line Commands Make Detailed Color Graphics Incredibly Simple
- 192 x 256 Screen Resolution (49,152 Pixels)
- 255 Separate Tones for Music and Sound

**Extended Color BASIC Computer.** Now this professional system is more affordable than ever! You get all the features of the Standard Color Computer, plus advanced programming capabilities. With Extended BASIC, it's easy to draw highly-detailed shapes using simple one-line commands. Produce impressive designs, charts, even animation! It's easy to add music and sound effects to your programs, too. And this computer is loaded with the dynamic features a serious programmer needs, such as string arrays up to 255 characters, full-featured editing, tracing, user-definable keys and much more. Expands easily with printer, plotter, digitizer, disk drives and phone interface. Includes Standard and Extended Color BASIC manuals. U.L. listed.

**16K Extended BASIC.** 26-3002 . . . . . Sale 299.95

**32K Extended BASIC.** 26-3003 . . . . . Sale 399.95



Program Pak not included

**There's a TRS-80 Color Computer Just Right for You!**

# Bonus Offer! TRS-80 Model 16 Memory Kit



With Your Purchase of  
Model 16, We Include a  
128K Memory Kit\* at  
No Charge to You!

**Save \$499**

1-Disk Model 16

**4999<sup>00</sup>**

2-Disk Model 16

**5798<sup>00</sup>**

**Includes TRS-XENIX!**

- **Unique Dual-Processor Design Features MC68000 16-Bit and Z-80A Microprocessors**
- **Large Library of Ready-to-Run Programs Available**

**TRS-80 Model 16.** The awesome power of the Model 16 lets you accomplish complex tasks with ease. And for more memory—and more value—we include a 128K Memory Kit (26-6012), regularly \$499, at no charge! Added to Model 16's standard 128K, that's 256,000 characters of internal memory. And you can easily add more internal memory for a total of 512K. Model 16 is designed around a state-of-the-art 16/32-bit microprocessor that accepts 16-bit data and processes it as 32-bit "words". A second processor—the Z-80A—handles input/output and other "housekeeping chores". This permits the Model 16 to utilize much more memory

and process data at much higher speeds than 8-bit micros. Model 16 can even become the hub of a multi-user office system (see below). And it can operate as a Model II and run all Model II programs. Choose Model 16 with one or two built-in slim-line 1.25-million-character 8" disk drives. Its deluxe features include a high-resolution 12" green video display with 24 lines of 80 characters, detachable typewriter-style keyboard with numeric keypad, two RS-232C serial interfaces and a parallel printer interface. A hard disk port can be added to use up to four 12-Megabyte Hard Disk Drives for over 48 million characters of program and data storage. (U.L. listed.)

**128K 1-Disk TRS-80 Model 16.** 26-6001 ..... 4999.00

**128K 2-Disk TRS-80 Model 16.** 26-6002 ..... 5798.00

\*Price does not include required installation.

## Now Available! TRS-XENIX™ Multi-User System

- **Allows Three Operators to Access Different Programs Simultaneously Using a Hard Disk and Two Terminals**
- **Derived from Western Electric's UNIX™ Operating System**
- **Specially-Designed Multi-User Software Available**

**A Powerful Office Computer System.** TRS-XENIX lets you provide the power of the Model 16 to three people in your office without buying three separate systems! All you need is one TRS-80 Model 16 with at least 256K memory (as above), a hard disk drive and two of our low-cost DT-1 data terminals. TRS-XENIX is a state-of-the-art operating system that comes with every Model 16. It was developed by Microsoft Corporation, and is derived from Western Electric's thoroughly field-tested UNIX operating system. Using TRS-XENIX, all data can be stored on hard disk and shared by system users. Peripherals attached to the Model 16 can also be shared. (Note: Some software requires 384K with 3 users.)

**Ideal for Small Business Applications.** Think of the possibilities. Your sales department could check inventory levels while someone in accounting updates your general ledger—at the same time someone is working on payroll! Multi-user programs now available include accounting, inventory control, a COBOL development system and a BASIC interpreter. And if you want the ultimate tool for forecasting and modeling, you'll want our new Multiplan™ program—our powerful, second generation electronic spreadsheet.



**TRS-XENIX™—Another Microcomputer Innovation from Radio Shack!**

# Sale! Full-Featured TRS-80 Printers

## **Big Savings on Heavy-Duty Business Line Printer**

# Save \$861

**Reg. 1860.00**

**999<sup>00</sup>**

**Hurry While  
Supplies  
Last.  
Sorry, No  
Rainchecks.**

**TRS-80 Line Printer V.** Save 46% on this high-speed dot-matrix line printer! It's ideal for heavy business use. Bi-directional, logic-seeking head means fast printing speed—up to 160 characters per second, sixty 132-column lines per minute. The 9-wire head prints upper and lower case English and European letters with descenders, and block graphics patterns. Four software-selectable print densities and three line densities, plus boldface and underline. Built-in tractor mechanism insures correct alignment for multi-page printouts. There's paper advance in fine-line increments for aligning preprinted forms. Handles paper up to 15" wide, with up to four carbons. Automatic Paper-Out sensor stops printer when paper runs out. Includes standard parallel interface for connection to TRS-80 desktop computers. Manual controls for Line-Feed, 1/8 Line (Fwd/Rev), Self-Test. On-Line, Off-Line switch. U.L. listed. 26-1165 . . . . . Sale 999.00

**Specifications.** Print Density: 5, 7.5, 10 and 15, Bold (10 cpi only). Software selectable. Line Density: 6, 8, 12 lines per inch. Software selectable. Line Length: 13.2". Print Speed: 160 characters per second. 132-column—60 lines per minute, 80-column—100 lines per minute. Dimensions: 7<sup>11</sup>/<sub>16</sub> x 24<sup>7</sup>/<sub>16</sub> x 15<sup>15</sup>/<sub>16</sub>". Weight: 42 lbs. Power: 120VAC, 60 Hz, 85W.

## 7 x 9 Dot-Matrix for Great-Looking Printouts with Lower Case Descenders

# Now Letter-Quality Printing Is More Affordable Than Ever

**Save \$200**

**Reg. 1495.00**

**1295<sup>00</sup>**

**DWP-410 Printer.** Take advantage of this sale and give your letters and reports that "electric typewriter look". The DWP-410 prints over 300 words per minute (25 cps), and is ideal for use with our SCRIPSIT™ word processing programs. Switch selectable print densities let you choose 10 or 12 characters per inch or proportional spacing. Features forward and reverse paper feed and 1/2-line feed, underline, boldface and programmable backspace, plus 1/120" space and 1/48" line feed. Uses interchangeable print wheels for a variety of type styles. "External Program Mode" lets you use print wheels with different pitch or special characters. With Courier 10 print wheel and carbon ribbon cartridge. U.L. listed.

26-1250 ..... Sale 1295.00

**DWP-410 Carbon Film Cartridge. 26-1419 . . . Pkg. of 3/21.00**

**DWP-410 Nylon Ribbon Cartridge.** 26-1449 ..... 10.95

**Specifications.** *Print Density:* 13.6" line. Switch selectable 10 cpi (136 characters per line), 12 cpi (163 cpi), or proportional spacing. *Print Speed:* 25 cps nominal; 11.7 lpm at 10 cpi, 132-column (Over 300 wpm). *Carriage Motion:* Unidirectional, optimal motion seeking. 1000 ms slew rate. *Character Set:* 124 (96 ASCII, plus special and international), 23 control codes. *Paper:* Up to 16" wide. Original, plus 5 copies. Friction feed. Optional extra tractor feed available. *Ribbon:* Multi-strike carbon or nylon cartridge. *Interface:* Standard 8-bit data parallel; 36-pin Amphenol connector. *Dimensions:* 7 3/4" x 23 3/4" x 13". *Weight:* 35 lbs. *Power:* 120VAC 50/60 Hz. 93 Watts.



See the Complete Selection of TRS-80 Printers and Accessories at Any Radio Shack Computer Center 5

# Sale! Get This Plotter/Printer at 66% Off!

# Save \$961

Reg. 1460.00 **499<sup>00</sup>**



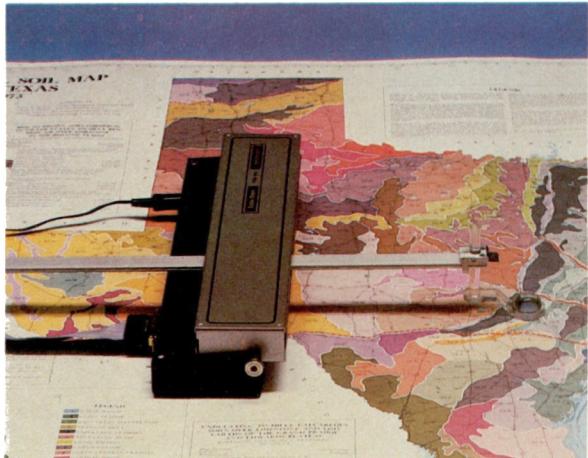
QRSTÜÜWXYZ!"#\$&'( )\*+, -./0!  
HIJKLMNOPQRSTUVWXYZ!"#\$&'( )\*+, -./0!  
†+ABCDEFIGH.IJKLMNOPQRSTUVWXYZXYZ

**TRS-80® Plotter/Printer.** Our lowest price ever! Now you can create charts, graphs and alphanumeric with ease! This top-quality plotter lets you draw an infinite variety of points, lines, curves and geometric figures—as well as standard upper case ASCII text characters with simple BASIC LPRINT commands. Characters can even be drawn enlarged and/or rotated. Drum plotting mechanism assures extremely smooth and precise control of arc and circle patterns. Replaceable ballpoint pen produces precision drawings of any height on a 7 1/2" wide plotting area. Standard parallel interface. U.L. listed. 26-1190 . . . . . Sale 499.00  
**9" Printer/Plotter Paper.** 90-ft. roll. 26-1407 . . . . . 4.95

## Input Data with Our Sale-Priced Digitizer

Save Reg. 449.00  
**\$250** 199<sup>00</sup>

Works With Any  
TRS-80 Computer  
With RS-232C  
Serial Port



**TRS-80 Digitizer.** 55% off! Now you can input precise data coordinates to your TRS-80 computer the easy way! Ideal for engineering, architectural work, drafting, map and photo interpretation, and much more. Input x/y coordinates from a drawing, map, chart, photo or plan of any size and calculate length, perimeter, area, volume and more. A swivel head lets you operate the digitizer vertically, too. In fact, you can even input data directly from the surface of your computer screen or light table. 11 x 17" active area. Point and continuous modes. Includes software listings for basic set-up and use. U.L. listed. 26-1195 . . . . . Sale 199.00

**Specifications.** Resolution: 100 lines per in. Accuracy: 0.005". Repeatability:  $\pm 2$  LSD. Operation: Point or continuous mode. Dimensions: 2 1/4 x 15 1/2 x 4 1/4". Power: 120VAC, 60 Hz.

## WHERE-IS-AS-IS® SALE!

Deluxe  
Workstation  
Furniture  
**50% Off!**



Easy-to-Assemble  
Modular-Design

**Desk.** Reg. \$299. 74-1050 . . . . . Sale 149.50  
**Riser.** Reg. \$299. 74-1051 . . . . . Sale 149.50  
**Return.** Reg. \$159. 74-1052 . . . . . Sale 79.50  
**2-Drawer Assembly.** Reg. \$189. 74-1053 . . . . . Sale 94.50  
**Disk Expansion Bay.** Reg. \$49. 74-1054 . . . . . Sale 24.50  
**Hard Disk Bay.** Reg. \$49. 74-1055 . . . . . Sale 24.50

Workstation  
Chair  
**50% Off**



Durable black nylon.  
Cushioned seat.  
Chrome frame.  
Casters. Reg. \$69.95.  
74-1056 . . . Sale 34.95



Disk Cases  
Half-Price!

5 1/4". Reg. \$3.95. 26-1452 . . . Sale 1.95  
8". Reg. \$4.95. 26-4952 . . . Sale 2.45

Cassette Program  
**70% Off** 295  
Reg. 9.95

Statistical Analysis. Includes Histogram, Linear Regression, T-Test, Descriptive Statistics and Random Sample for Level I BASIC (Model I/III). Comprehensive manual included. 26-1703 . . . Sale 2.95

Cassette  
Label Sale



75% off! Package of  
100. Reg. \$1.95.  
26-303 . . . Sale 49¢

Save \$4! LP I  
Dust Cover



Protects printer  
against dirt and  
scratches. Reg. \$5.95.  
26-503 . . . Sale 1.95

Printer Cable



Connects Quick  
Printer II to Expansion  
Interface or Model III.  
Reg. \$19.95.  
26-1406 . . . Sale 9.95

# Color Graphics Printer On Sale Now!

**Save  
\$50**

Reg. 249.95  
**199<sup>95</sup>**

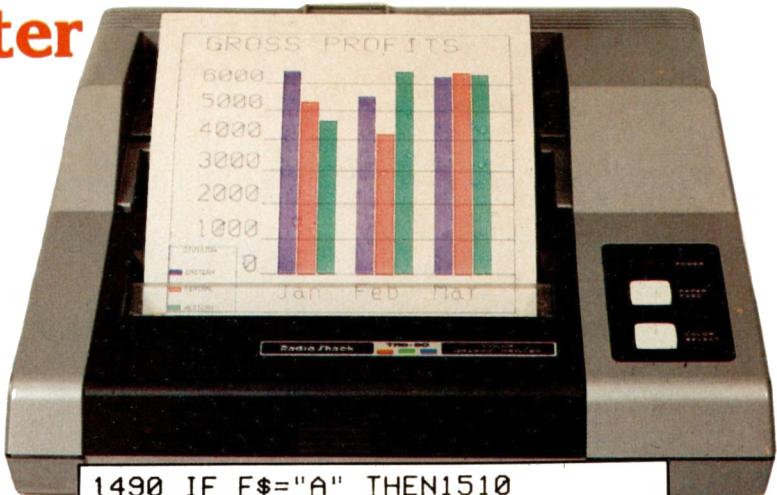
**CGP-115 Color Graphics Printer.** Text mode prints 40 or 80 characters per line at 12 characters/sec. Ideal for program listings. Software controls additional character sizes and rotation. Creates beautiful graphics in red, blue, green and black on 4 $\frac{1}{2}$ " wide paper. Built-in commands simplify drawing and plotting. Uses easily replaceable ink cartridges. Just 3 $\times$ 8 $\frac{1}{4}$  $\times$ 8 $\frac{1}{2}$ " U.L. listed.

26-1192 ..... Sale 199.95

**Black Pens.** Set of 3. 26-1480 ..... 2.95

**Color Pens.** Set of 3. 26-1481 ..... 2.95

**Roll Paper.** 4 $\frac{1}{2}$ " wide, 150-ft. 26-1428 ..... Pkg. of 3/4.95



```

1490 IF F$="A" THEN1510
1500 GOTO1440
1510 RD=.41*(R-U))+U:GOSUB1860
1520 GOTO1560

```



**Provides 2-Way  
Information Retrieval  
At an Unbeatable Price**

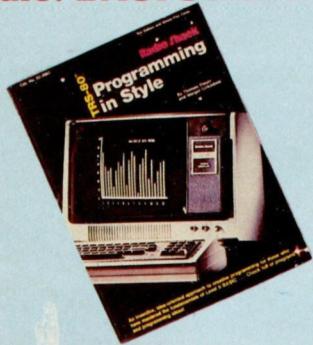
## Half-Price! TRS-80 Information Terminal

**Save  
\$99<sup>05</sup>** Reg. 199.00 **99<sup>95</sup>** Less TV

### Access Data Services by Phone

**TRS-80 Videotex Terminal.** Stay on top of news, weather, sports or the latest stock quotes by accessing information networks like Dow Jones News/Retrieval® and CompuServe®. Just connect terminal with your telephone and TV. Software and telephone interface are built-in. 53-key alphanumeric keyboard. 4K memory stores up to 8 "pages" of information for later viewing. One free hour on both networks included! U.L. listed. 26-5000 ..... Sale 99.95

### Sale! BASIC Manual



**Save \$8<sup>95</sup>**

**Program in Style.** Learn new applications and ideas for TRS-80 Level II. 343 pages. 62-2067 ..... Sale 2.00

### Sale! Graphics Book



**Save \$6<sup>95</sup> Reg. 7.95 **100****

**Introduction to TRS-80 Graphics.** Line drawing, special graphics characters, pixel graphics, simple animation. 134 pages. 62-2073 ..... Sale 1.00

### Expand Your Programming Ability



**New! TRS-80 Pocket Reference Guide.** A handy guide to all TRS-80 computers. 62-2084 ..... 6.95

**New! Color Computer Programs.** Over 37 useful and fun programs ready to keyboard. 62-2313 ..... 9.95

**New! Business Programs Applications.** Develop your own helpful programs for your business. 62-2074 ..... 4.95

**Home Computer Programs.** Packed with household helpmates. 330 pages. 62-2069 ..... 7.95

# The Remarkable New TRS-80



Apply for Your CitiLine  
Credit Card Today  
(See Back Cover for Details)

## New TRSDOS 6.0 Operating System

- A New Dimension in Versatility and Power
- Advanced Features Make Jobs Easier

Features include Memory Disk, Job Control Language, cassette support for the new TRS-80 Model 100, complete communications program, print spooler, forms control, full routing and linking, filtering and more. Current TRS-80 owners will appreciate datafile compatibility with any Model III or Model I using LDOS.

## Expand Your System With an Upgrade Kit or Additional Disk Drives

**Model 4 Drive 0 (Internal).** 184K, 5 1/4" double density. Includes TRSDOS 6.0. 26-1127 ..... 649.00\*

**Drive 1 (Internal).** New Low Price! Was \$349 in RSC-9. Requires Drive 0. 26-1163 ..... 239.95\*

\*Installation required (not included).

## Model III Owners— Convert to Model 4 (See Below)

## New Microsoft Disk BASIC for Model 4

- Easy to Learn . . . Handy to Use
- Produces 80 x 24 Screen Display

Features include CHAIN and COMMON for large programs, variable names as long as 40 characters for easy documentation, "endless loop" check, WHILE . . . WEND for looping, and printer line width selection. Model III programs are run only in Model III mode (with Model III features only).

**Drive 2 (External).** 26-1164 ..... 449.00

**Drive 3 (External).** 26-1161 ..... 449.00

**Model 4 Upgrade Kit.** Converts your Model III to a Model 4 (except for cabinet and disk drives). Includes keyboard, TRSDOS, Disk BASIC. 26-1123 . . . 799.00\*

# Model 4 . . . a Breakthrough In Price and Performance

16K Model 4  
Cassette-Based System

**999<sup>00</sup>**

64K 1-Disk Model 4  
Without RS-232C

**1699<sup>00</sup>**

64K 2-Disk Model 4  
With RS-232C

**1999<sup>00</sup>**

## Model 4 Disk Systems Include Standard Features That Other Computers Leave Out . . . Features to Make Your Job Easier

- **SPEED**—4 MHz Clock Speed Gives You Maximum Efficiency in a Desktop Computer Designed for the Manager, Professional, Businessman or Educator
- **COMPATIBILITY**—Uses Model 4 or Model III TRSDOS®, LDOS™ and CP/M® Plus-Based Programs to Put Thousands of Applications at Your Disposal
  - **MEMORY**—64,000-Character RAM is Expandable to 128,000 Characters and Can Be Used As a Super-Fast RAM-Based “Disk Drive”
  - **CONVENIENCE**—80-Column by 24-Line Display is Ideal for Word Processing and Large Spreadsheet Applications
  - **AND MORE**—Attractive White Finish, Hi-Res Monitor, Function, CONTROL and CAPS Keys, Numeric Keypad, Parallel and RS-232C Serial Interfaces, 5 1/4" Disk Drives and Sound

### TRS-80 Model 4 Disk Versions

Yes, it looks like a Model III, but it's much, much more. Compare the price and the features of our amazing new Model 4 to any other computer in its class. You'll find that for power, versatility and convenience it is a true breakthrough. To add the same features to other computers, you'd have to pay a whole lot more.

### Amazing Versatility

The Model 4 can run all Radio Shack programs written for the Model III without alteration. And it will soon be able to run CP/M-based software. This means you can upgrade to a Model 4 without making your present software obsolete.

### Friendlier . . . and Faster

Because of its 64K memory and 80 x 24 display, you'll find Model 4 perfect for business applications. And to speed operations, there's "MemDisk", which lets you create a super-fast "disk drive" in unused memory. The result? Keystroke-quick responses instead of time-consuming disk access.

### And That's Not All

The print spooler lets you print out a job at the same time

you're using your Model 4 for other tasks. With the Job Control Language that's included with the powerful TRSDOS 6.0 operating system, you can set up a whole series of operations for your Model 4 to perform without supervision. And with Model 4's built-in sound feature, audible prompts can even let you know when jobs are finished.

### Full—and Helpful—Documentation

We include a comprehensive owner's manual, reference card, tutorial manual for BASIC programming and tutorial introduction to disk systems to explain just how to get the most out of your Model 4.

**64K 2-Disk Model 4.** 26-1069 . . . . . 1999.00

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**64K RAM Kit.** Can be used to expand internal memory to 128K or to upgrade 16K Model 4. 26-1122 . . . . . 149.00\*

**16K Model 4.** An ideal starter system—just add a cassette recorder to store and load programs and data. Includes monitor with 64 x 16 display, keyboard with function keys, keypad, parallel printer interface, Model III ROM BASIC and 2MHz clock speed. Upgradable to Model 4 disk system capabilities and sound. 26-1067 . . . . . 999.00

**Disk Version Specifications.** **Microprocessor:** Advanced Z-80A 8-bit. **Clock Speed:** 4 MHz. **Memory:** 14K ROM, 64K RAM—expandable to 128K. Both provide disk drive emulation in RAM. **Keyboard:** 70-key typewriter style with control key, 3 programmable function keys (F1, F2, F3), caps key and 12-key datapad. **Video Display:** 80 characters by 24 lines (Model 4 mode), 64 x 16 (Model III mode), or double-wide 40 or 32 characters per line. Upper and lower case and reverse video. Memory mapped with high-resolution 12" monitor. Includes 96 text, 64 graphics and 96 "special" characters. **Sound:** Obtainable from BASIC with sound command, includes tone and duration. Toggled "keyclick". **Disk Drives:** One or two built-in double-density 184K, 5 1/4" drives. **Operating System Compatibility:** TRSDOS 6.0, TRSDOS 1.3, LDOS, CP/M Plus (available soon). **Programming Language:** New Advanced Microsoft BASIC with CHAIN, COMMON and more. **Input/Output Interfaces:** Cassette operation at 500/1500 baud selectable under ROM BASIC. Disk version includes TRS-80 Model 100 utility. Parallel printer interface with TRSDOS print spooler. RS-232C serial interface (2-drive only) input/output bus. **Dimensions:** 12 1/2 x 18 7/8 x 21 1/2". **Power:** Integrated power supply, 105-130VAC, 60 Hz. U.L. listed.

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# Sale! Model I and Model III Software

Quality TRS-80® Software for Home, Entertainment and Business

## 30% Off! Versatile Checkwriter Program

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**Check Writer-80™.** Check Writer-80 gives you a check writer and a register, plus an expense tracking and bank reconciliation system that's ideal for small business bookkeeping. All this at a great sale price! And it's as easy to use as filling out a check or deposit slip, yet you get all the speed and accuracy of the computer. Handles multiple banks, and up to 9 bank accounts, 75 payees, 42 expense categories (single account expense distribution per check), and about 2700 active checks. Even enter handwritten checks. Prints checks, check register (no detail check stubs), expense summaries, lists of banks, and payees. 48K 2-Disk Model III only. 26-1584 ..... Sale 69.95

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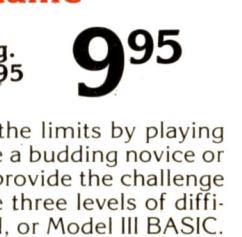
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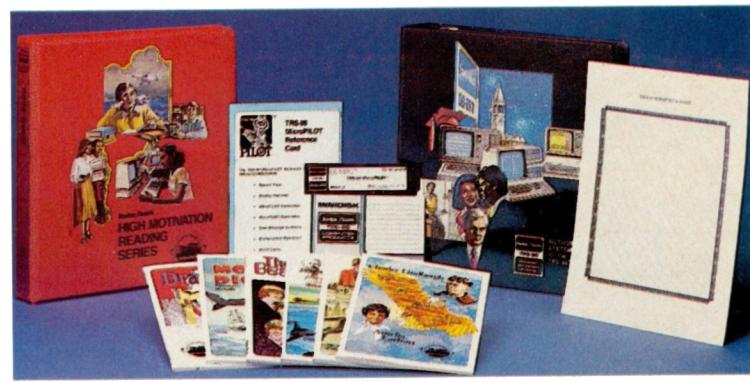
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**40% to 60% Off**

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TRS-80 MicroPILOT	26-2205	99.95	39.98

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**Introduction to BASIC.** Provides instruction in BASIC programming, including arithmetic operations, creating and storing programs, branching, looping, arrays, subroutines, read-data statements and graphics. Students learn by taking notes during the presentation and completing a quiz and a "hands-on" activity afterward. The series of ten 30-minute lessons is based on Part 1: Introduction to BASIC (26-2150), and is taught by Dr. Norman T. Bell. 1/2" VHS format. Requires the Part 1 Student Workbook (26-2151).  
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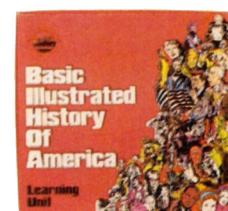


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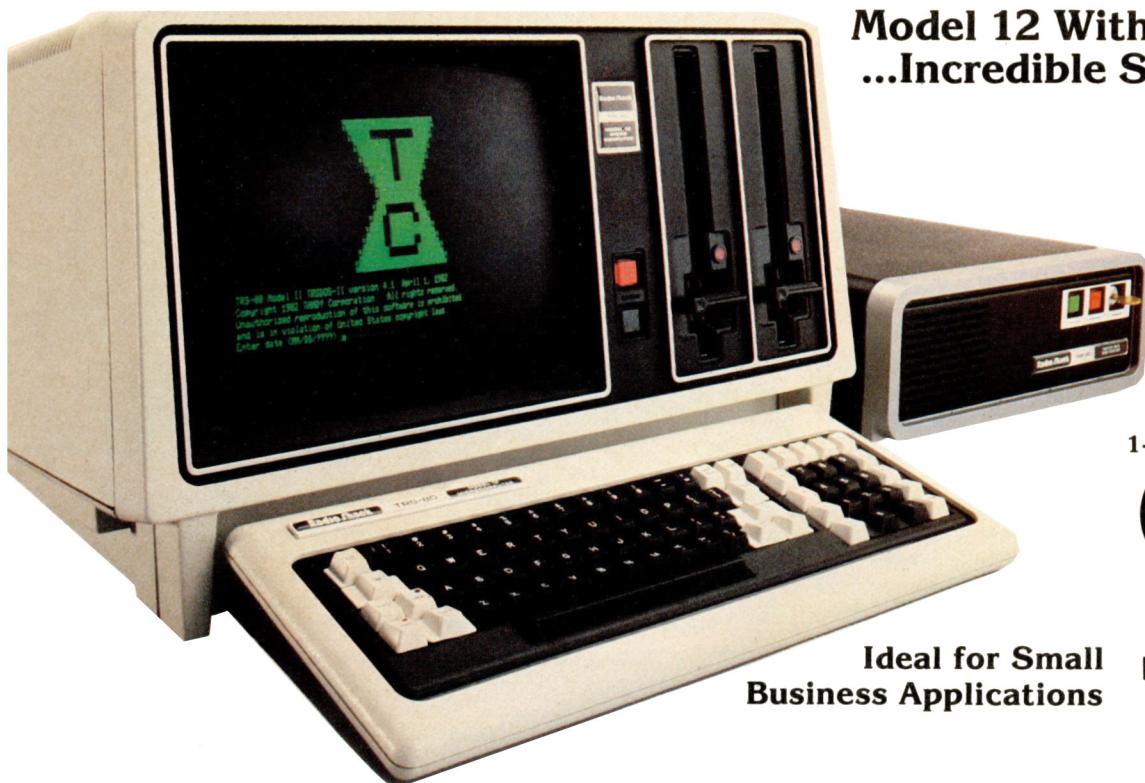
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# Step Up to a TRS-80® Hard Disk System

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**Ideal for Small  
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Quickly Access  
Over 12 Million  
Characters of Data  
Upgradable to Our  
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And Up to 768K Memory  
Compatible with  
Our New CP/M Plus  
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1-Drive Model 12 and Hard Disk

**6893<sup>00</sup>**

Plus Installation

2-Drive Model 12 and  
Hard Disk (As Shown)

**7693<sup>00</sup>**

Plus Installation

**TRS-80 Model 12 Computer.** The all-new Model 12 is a remarkable, stand-alone business system that offers a unique combination of power, versatility and easy expandability. It's fully compatible with our popular TRS-80 Model II software, so it's ready right now to handle accounting, word processing, electronic filing, and forecasting applications; meet program development requirements; even be outfitted for communications with mainframe computers. Model 12 is available with one or two built-in 1.25-megabyte thin-line disk drives, and includes a high-resolution 80x24 green screen and detachable, low-profile 82-key typewriter-style keyboard. U.L. listed.

**TRS-80 Model 12 with 1 Drive.** 26-4004 ..... 3199.00

**TRS-80 Model 12 with 2 Drives.** 26-4005 ..... 3999.00

**12-Megabyte Hard Disk Drive.** Now you can have vastly increased data storage capacity—with exceptionally fast access times—through powerful Winchester technology. Combine the new 12-megabyte hard disk with the TRS-80 Model 12 microcomputer (requires card cage and installation) and you'll have a fast and powerful computing system to handle a variety of large data applications. The advanced operating system's many superior, user-friendly features make file handling a breeze. Expand your system with up to three secondary drives for a total of over 48 million characters of storage. (Not compatible with our 8-megabyte hard disks.) U.L. listed.

**Primary Hard Disk.** 26-4152 ..... 3495.00

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**199<sup>00</sup>**

- Tremendous Expansion Flexibility
- Mounts Inside Model 12's Case

Provides six additional plug-in slots for inserting our optional extra expansion boards (described here) to meet growing or changing requirements. Card Cage and boards require installation, not included.

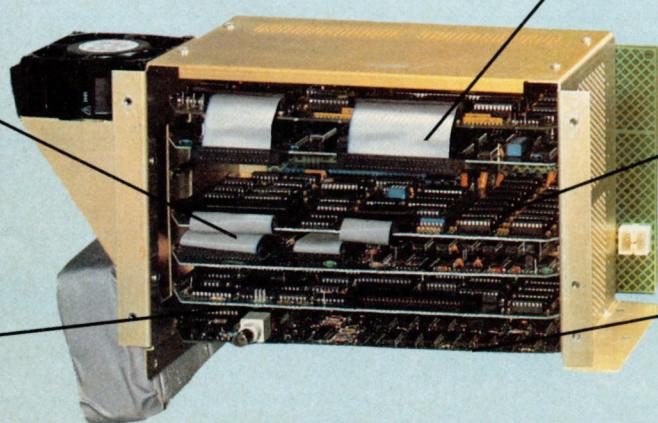
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### High-Res Graphics

Create amazingly detailed on-screen charts and graphs that can simplify rows of complicated numerical data with our High-Resolution Graphics Board.

### Hard Disk Expansion

This special controller board allows you to interface hard disk drives with your Model 12 computer for up to 48 megabytes of data storage. (Included with primary hard disk.)



### 16-Bit Power and More Memory

You can get true 16/32-bit processing, perform complex computing tasks with ease and have multi-user capability by adding our powerful Model 16 Upgrade Kit and memory options.

### Future Expansion

Even with all the expansion items mentioned here, Model 12 gives you still more room to meet growing or changing requirements. For example, you can use this slot to add a special 64K memory expansion board and our Enhanced VisiCalc program to generate extremely large worksheets.

### Local Networking

With our new ARCNET™ system, you can link any combination of up to 255 TRS-80 Model 12 or Model II computers for high-speed local networking.

# Sale! Business and Programming Software

Now You Can Save Up to 58% on These TRS-80 Model II/12 Packages!

**Save \$40**

Reg. 69.00 **29<sup>00</sup>**

**Versatile.** Now anyone can create their own simple computerized filing system! You can easily store business or personal data, including names, addresses, phone numbers, customer information and more. Versatile lets you set up your own filing method and what type of data will be entered—your TRS-80 does the rest. The computer stores “key words” in corresponding files ready for easy retrieval. All you have to do is type a question containing the same key words. Versatile will then retrieve any statement with the combination of words you request. A “global search” function locates any word or phrase. You can print all or any portion of your files with an optional printer.

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**Save \$40**

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**Program Editor.** This powerful package can be used with any of our Model II/12 languages, including COBOL, Compiler BASIC and FORTRAN. The Program Editor is a fast and efficient way to modify your source code when you're editing large programs. Editing commands allow you to easily modify, delete and insert characters or lines. Global search locates selected text strings throughout the program and makes changes automatically. Line numbers are optional and tabs are set automatically for the requirements of each language. File record formats are user selectable. Includes diskette and user's manual.

26-4710 . . . . . Sale 39.00

**Save \$20<sup>95</sup>**

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**Editor/Assembler, Series I.** Lets you program in machine language for faster execution and more efficient memory use. Features automatic line numbering, line renumbering, single-letter commands and global search. The source text may be saved in disk files and source files may be loaded together in memory. 26-4713 . . . . . Sale 29.00

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# NEW!



PC-4 Measures  $\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ "

**Pocket Computer Model PC-4.** Our lowest-priced pocket computer ever! The new PC-4 puts powerful computing features into the hands of engineers, business people, students, scientists—anyone with problems to solve on-the-go. This versatile computer lets you maintain up to ten short programs in its 540-character memory or combine the programming area to allow longer programs. Each program can be identified with a single-key label and run simply by pressing the specified key. PC-4's BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Up to 16 commonly-used commands like GOSUB, LIST and STEP can be entered by pressing just two keys. Programs can accept words and names as data (strings of up to 30 characters). Edit and Debug modes make PC-4 much easier to program than a programmable calculator. The keyboard—with a typewriter-style layout—includes 53 keys for alphanumeric input, with a 10-key numeric datapad. The big 12-character LCD is easy-to-read and scrolls to 62 characters. It can handle numbers with exponents of  $10^{-99}$  to  $10^{99}$ . Functions include trig and inverse trig, radians or radians, log, exponent, square root, angular conversions and absolute values. Automatic power-off saves battery life. Includes two lithium batteries. 26-3650 . . . . . 69.95

Model PC-4

**69<sup>95</sup>**



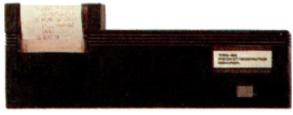
PC-4 Cassette Interface

**39<sup>95</sup>**



PC-4 Printer

**79<sup>95</sup>**



## Handy Accessories for the PC-4

### Cassette Interface

A "must" for your PC-4. Allows you to store and load your own programs and data at 300 baud using an optional cassette recorder. Plugs into rear of PC-4. Weighs only  $8\frac{1}{2}$  oz., including batteries. Requires two "AA" alkaline batteries. 26-3651 . . . . . 39.95

### PC-4 Printer

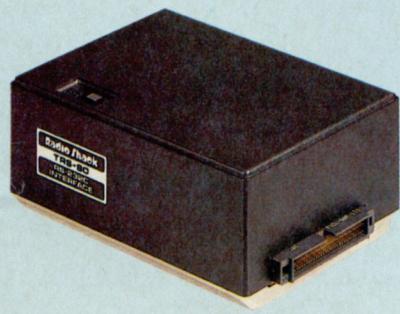
Operates under control of PC-4 to print out programs and data. Use as a printing calculator, too. Prints 20 characters per line (60 lpm) in an electro-thermal  $5 \times 7$  dot matrix. Includes rechargeable nickel-cadmium batteries and U.L. listed adapter/charger. 26-3652 . . . . . 79.95

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### New! RS-232C Interface Adds Flexibility

**199<sup>95</sup>**



Plugs Directly Into  
The PC-2 or the  
Printer Interface

- Communicate with Data Networks
- Built-In Terminal Program
- Adds 32 New BASIC Commands

Now your PC-2 Pocket Computer can use most RS-232 devices with our new RS-232C Interface! Includes built-in communications program for accessing information services (requires modem and cable). 26-3612 . . . . . 199.95

### Sale! 4K Memory Module

**\$30 Off**

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Need more memory for larger, more complex programs? Add 4096 characters of additional RAM to your PC-2 with this sale-priced memory module. Plugs into the recessed port on the back of the PC-2. Individual modules not expandable. 26-3615 . . . . . Sale 39.95

# Sale! Big Savings on TRS-80 Accessories!

Hurry! Quantities are Limited on Most Items



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**Save  
\$79.95**

Reg. Separate Items 279.90  
**199.95**  
Complete Package

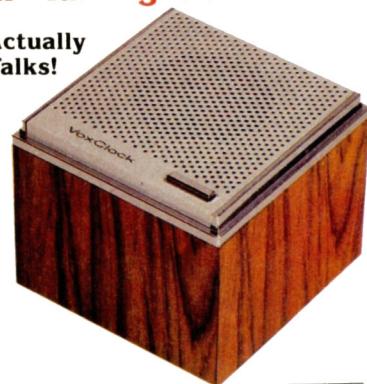
Destroy confidential records. The ES-1 Shredder (73-1001) cuts up to five sheets of 8 1/2 x 11" paper at a time into 3mm-wide strips. Reverse switch frees jams. Also included is our custom fitted Shredder Basket (73-1002) with vinyl laminated walnut finish.

**33% Off VoxClock™ Talking Clock**

**Save \$20**

Reg. 59.95 **39.95**

It Actually Talks!



Press the button and a "voice" tells you the time. Announces the time on the hour, too. A handsome addition to any desk and a special gift for someone with impaired vision. 2 3/8 x 2 7/8 x 2 7/8". Requires three "AA" batteries. 63-902 ..... Sale 39.95

**Save Up to \$55 on  
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### Cabinet with six locking drawers.

**Printout Size.** 14 7/8 x 11". Reg. \$109.95. 70-507 ..... Sale 54.95  
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## Deluxe System Desk and Matching Printer Stand



**Save \$70**

Reg. 369.00  
**199.00**

**Get Them Both!**

**System Desk.** Heavy-duty construction with wiring cutouts in top. Low mounting of storage drawer allows installation of Disk Expansion Unit. Easy assembly. 26-4301 ..... Sale 199.00

**Printer Stand.** Use with virtually all printers. Slotted top allows bottom paper feed. 26-4302 ..... Sale 99.00

**50% Off Versatile  
Docu-Rack™**



**Save  
\$30**

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**29.95**

Binders and  
trays not  
included

**Docu-Rack Stand.** Holds six full-size printout trays (below), hanging post binders or both. Rolls on casters. 74-550 ..... Sale 29.95  
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Disk Bay 68% Off**



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Attaches below Model III System Desk (26-1305). Holds two external disk drives. Easy installation. 26-1306 ..... Sale 9.00

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Low As  
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